

Volcanic Eruptions - Sources

North America

1. Mount Baker Eruption published October 2023
(https://cedar.wvu.edu/geology_studentpubs/5/)
2. The January 2022 eruption of Hunga Tonga-Hunga Ha'apai volcano reached the mesosphere published 12, 2023
(<https://www.science.org/doi/10.1126/science.abo4076>)
3. Volcanic Emissions, Plume Dispersion, and Downwind Radiative Impacts Following Mount Etna Series of Eruptions of February 21–26, 2021, published October 21, 2021
(<https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2021JD035974>)
4. Direct solar FTIR measurements of CO₂ and HCl in the plume of Popocatepetl Volcano, Mexico
(<https://www.frontiersin.org/articles/10.3389/feart.2023.1022976/full>)
5. Yellowstone hotspot (https://en.wikipedia.org/wiki/Yellowstone_hotspot)
6. Trans-Mexican Volcanic Belt
(https://en.wikipedia.org/wiki/Trans-Mexican_Volcanic_Belt)

South America

1. PlumeTraP: A New MATLAB-Based Algorithm to Detect and Parametrize Volcanic Plumes from Visible-Wavelength Images
(<https://www.mdpi.com/2072-4292/14/7/1766>)
2. Volcano-Tectonic Interactions at Sabancaya Volcano, Peru: Eruptions, Magmatic Inflation, Moderate Earthquakes, and Fault Creep
(<https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2019JB019281>)
3. Sangay volcano (Ecuador): the opening of two new vents, a drumbeat seismic sequence and a new lava flow in late 2021
(<https://uca.hal.science/hal-03881769v1/file/Hidalgo%20volcanica%202022.pdf>)
4. Andean Volcanic Belt (https://en.wikipedia.org/wiki/Andean_Volcanic_Belt)

Europe

1. Active Faults, Kinematics, and Seismotectonic Evolution during Tajogaite Eruption 2021 (La Palma, Canary Islands, Spain)
(<https://www.mdpi.com/2076-3417/14/7/2745>)
2. Multi-parametric study of an eruptive phase comprising unrest, major explosions, crater failure, pyroclastic density currents and lava flows: Stromboli volcano, 1

December 2020–30 June 2021

(<https://www.frontiersin.org/articles/10.3389/feart.2022.899635/full>)

3. GNSS-based long-term deformation at Mount Etna volcano (Italy)
(<https://www.sciencedirect.com/science/article/pii/S2666828923000068>)
4. Non-double-couple earthquakes in 2017 swarm in Reykjanes Peninsula, SW Iceland: Sensitive indicator of volcano-tectonic movements at slow-spreading rift
(<https://www.sciencedirect.com/science/article/pii/S0012821X21001345>)
5. 2021 Cumbre Vieja volcanic eruption
(https://en.wikipedia.org/wiki/2021_Cumbre_Vieja_volcanic_eruption)

Oceania

1. Temporal Variability in Gas Emissions at Bagana Volcano Revealed by Aerial, Ground, and Satellite Observations
(<https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2022GC010786>)
2. 2022 Hunga Tonga–Hunga Ha’apai eruption and tsunami
(https://en.wikipedia.org/wiki/2022_Hunga_Tonga%E2%80%93Hunga_Ha%CA%BBapai_eruption_and_tsunami)
3. 2019 Whakaari / White Island eruption
(https://en.wikipedia.org/wiki/2019_Whakaari/_White_Island_eruption)
4. Taupō Volcanic Zone
(https://en.wikipedia.org/wiki/Taup%C5%8D_Volcanic_Zone)

Africa

1. 2021 Mount Nyiragongo eruption
(https://en.wikipedia.org/wiki/2021_Mount_Nyiragongo_eruption)
2. Nyamuragira (<https://en.wikipedia.org/wiki/Nyamuragira>)
3. East African Rift (https://en.wikipedia.org/wiki/East_African_Rift)

Asia

1. The 2021 Semeru volcano eruption: An insight from visual, seismic, and deformation monitoring data October 13, 2023
(https://www.researchgate.net/publication/374122950_The_2021_Semeru_volcano_eruption_An_insight_from_visual_seismic_and_deformation_monitoring_data)
2. Volcanic Emissions, Plume Dispersion, and Downwind Radiative Impacts Following Mount Etna Series of Eruptions of February 21–26, 2021(https://www.researchgate.net/publication/370923332_Vertical_Ground_Def)

[ormation Monitoring of the Sinabung Volcano in 2021-2022 using Sentinel-1 and DInSAR\)](#)

3. Tectonic Setting of Mount Agung, Bali: Insight From Petrology and Geochemistry Analysis (<https://iopscience.iop.org/article/10.1088/1755-1315/1047/1/012005>)
4. Volcano Tourism in Volcanic Risk Areas: Exploration of The Higher Experience in Mount Semeru-Indonesia (https://www.researchgate.net/publication/368417748_Volcano_Tourism_in_Volcanic_Risk_Areas_Exploration_of_The_Higher_Experience_in_Mount_Semeru-Indonesia)
5. A petrological and conceptual model of Mayon volcano (Philippines) as an example of an open-vent volcano (<https://link.springer.com/article/10.1007/s00445-021-01486-9>)
6. Vulcanian eruptions at Sakurajima Volcano: geophysical data, numerical modeling, and petrological evidence (<https://link.springer.com/article/10.1007/s00445-024-01722-y>)
7. Constructive and Destructive Processes During the 2018–2019 Eruption Episode at Shiveluch Volcano, Kamchatka, Studied From Satellite and Aerial Data (<https://www.frontiersin.org/articles/10.3389/feart.2021.680051/full>)
8. Taal Volcano (https://en.wikipedia.org/wiki/Taal_Volcano)
9. Mount Ruang (https://en.wikipedia.org/wiki/Mount_Ruang)
10. Mount Sinabung (https://en.wikipedia.org/wiki/Mount_Sinabung#2021)

Preparation

1. Be Prepared for a Volcano (https://www.ready.gov/sites/default/files/2024-03/ready.gov_volcano_hazard-info-sheet.pdf)
2. Volcano Preparedness Checklist (<https://www.redcross.org/content/dam/redcross/get-help/pdfs/volcano/EN-Volcano-Preparedness-Checklist.pdf>)
3. Volcano Hazards and Preparedness (https://volcanoes.usgs.gov/vsc/file_mgr/file-104/5-13-14%20USGS%20CVO%20NIE%20Part%202.pdf)
4. Volcanic Hazards (https://www2.tulane.edu/~sanelson/Natural_Disasters/volhaz-pred.pdf)